RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: _10/675,470B_
Source: _1Fw/6_
Date Processed by STIC: _2/6/06_

ENTERED

IFW16

RAW SEQUENCE LISTING   DATE: 02/06/2006
PATENT APPLICATION: US/10/675,470B   TIME: 14:42:45

Input Set : E:\402.app.txt
Output Set: N:\CRF4\02062006\J675470B.raw

```
   4 <110> APPLICANT: Harding, Joseph W.
   5         Wright, John W.
   7 <120> TITLE OF INVENTION: AT4 RECEPTOR LIGANDS AS ANGIOGENIC,
   8         ANTI-ANGIOGENIC, AND ANTI-TUMOR AGENTS
  11 <130> FILE REFERENCE: 730138.402
  13 <140> CURRENT APPLICATION NUMBER: US 10/675,470B
  14 <141> CURRENT FILING DATE: 2003-09-30
  16 <160> NUMBER OF SEQ ID NOS: 7
  18 <170> SOFTWARE: FastSEQ for Windows Version 4.0
  20 <210> SEQ ID NO: 1
  21 <211> LENGTH: 4
  22 <212> TYPE: PRT
  23 <213> ORGANISM: Artificial Sequence
  25 <220> FEATURE:
  26 <223> OTHER INFORMATION: AT4 ligand
W--> 28 <221> NAME/KEY: MOD_RES
  29 <222> LOCATION: 1
  30 <223> OTHER INFORMATION: Xaa = Nle
W--> 32 <221> MOD_RES
  33 <222> LOCATION: 4
  34 <223> OTHER INFORMATION: Xaa = Acp
W--> 36 <400> 1
W--> 37 Xaa Tyr Ile Xaa
  38  1
  41 <210> SEQ ID NO: 2
  42 <211> LENGTH: 6
  43 <212> TYPE: PRT
  44 <213> ORGANISM: Artificial Sequence
  46 <220> FEATURE:
  47 <223> OTHER INFORMATION: AT4 ligand
W--> 49 <221> NAME/KEY: VARIANT
  50 <222> LOCATION: 1-2
  51 <223> OTHER INFORMATION: Reduced peptide bond
W--> 53 <221> VARIANT
  54 <222> LOCATION: 3-4
  55 <223> OTHER INFORMATION: Reduced peptide bond
W--> 57 <400> 2
  58 Leu Tyr Leu His Pro Phe
  59  1               5
  62 <210> SEQ ID NO: 3
  63 <211> LENGTH: 6
  64 <212> TYPE: PRT
  65 <213> ORGANISM: Artificial Sequence
```

```
         67 <220> FEATURE:
         68 <223> OTHER INFORMATION: AT4 ligand
W-->     70 <221> NAME/KEY: MOD_RES
         71 <222> LOCATION: 1
         72 <223> OTHER INFORMATION: Xaa = Nle
W-->     74 <221> VARIANT
         75 <222> LOCATION: 3-4
         76 <223> OTHER INFORMATION: Reduced peptide bond
W-->     78 <400> 3
W-->     79 Xaa Tyr Leu His Pro Phe
         80  1                 5
         83 <210> SEQ ID NO: 4
         84 <211> LENGTH: 4
         85 <212> TYPE: PRT
         86 <213> ORGANISM: Artificial Sequence
         88 <220> FEATURE:
         89 <223> OTHER INFORMATION: AT4 ligand
W-->     91 <221> NAME/KEY: MOD_RES
         92 <222> LOCATION: 1
         93 <223> OTHER INFORMATION: Xaa = Nle
W-->     95 <400> 4
W-->     96 Xaa Tyr Ile His
         97  1
        100 <210> SEQ ID NO: 5
        101 <211> LENGTH: 4
        102 <212> TYPE: PRT
        103 <213> ORGANISM: Artificial Sequence
        105 <220> FEATURE:
        106 <223> OTHER INFORMATION: AT4 ligand
W-->    108 <221> NAME/KEY: MOD_RES
        109 <222> LOCATION: 1
        110 <223> OTHER INFORMATION: Xaa= Nle
W-->    112 <221> MOD_RES
        113 <222> LOCATION: 3
        114 <223> OTHER INFORMATION: (CH2)6
W-->    116 <221> AMIDATION
        117 <222> LOCATION: 4
W-->    119 <400> 5
W-->    120 Xaa Tyr Ile Phe
        121  1
        124 <210> SEQ ID NO: 6
        125 <211> LENGTH: 6
        126 <212> TYPE: PRT
        127 <213> ORGANISM: Artificial Sequence
        129 <220> FEATURE:
        130 <223> OTHER INFORMATION: AT4 ligand
W-->    132 <221> NAME/KEY: MOD_RES
        133 <222> LOCATION: 1
        134 <223> OTHER INFORMATION: Xaa = Nle
```

```
W--> 136 <221> MOD_RES
     137 <222> LOCATION: 4,5
     138 <223> OTHER INFORMATION: Xaa = MeGly
W--> 140 <400> 6
W--> 141 Xaa Tyr Ile Xaa Xaa Phe
     142 1                 5
     145 <210> SEQ ID NO: 7
     146 <211> LENGTH: 6
     147 <212> TYPE: PRT
     148 <213> ORGANISM: Artificial Sequence
     150 <220> FEATURE:
     151 <223> OTHER INFORMATION: I-angiotensin IV
     153 <400> SEQUENCE: 7
     154 Val Tyr Ile His Pro Phe
     155 1                 5
```

RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 02/06/2006
PATENT APPLICATION: US/10/675,470B   TIME: 14:42:46

Input Set : E:\402.app.txt
Output Set: N:\CRF4\02062006\J675470B.raw

Please Note:
**Use of n and/or Xaa have been detected in the Sequence Listing. Please review the
Sequence Listing to ensure that a corresponding explanation is presented in the <220>
to <223> fields of each sequence which presents at least one n or Xaa.**

Seq#:1; Xaa Pos. 1,4
Seq#:3; Xaa Pos. 1
Seq#:4; Xaa Pos. 1
Seq#:5; Xaa Pos. 1
Seq#:6; Xaa Pos. 1,4,5

VERIFICATION SUMMARY   DATE: 02/06/2006
PATENT APPLICATION: US/10/675,470B   TIME: 14:42:46

Input Set : E:\402.app.txt
Output Set: N:\CRF4\02062006\J675470B.raw

```
L:28  M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:32  M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:1
L:36  M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:1
L:37  M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0
L:49  M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:53  M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:2
L:57  M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:2
L:70  M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:74  M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:3
L:78  M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:3
L:79  M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0
L:91  M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:95  M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:4
L:96  M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0
L:108 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:112 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:5
L:116 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:5
L:119 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:5
L:120 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0
L:132 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:136 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:6
L:140 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:6
L:141 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:0
```